

LBNL ENVIRONMENTAL MANAGEMENT PROGRAM (EMP)

<b>EMP Coordinator(s) and Organization(s):</b> Laura Chen & Blair Horst, Facilities		<b>Revision Date:</b> 8/28/2008	<b>EMP No.:</b> 07-04																																																				
<b>Aspect:</b> Traffic Congestion.	<b>Objective:</b> Reduce Laboratory commute traffic through Transportation Demand Management.	<b>Target:</b> Optimize parking; facilitate/promote non-SOV commuting; plan for off-site construction truck trips within LRDP – EIR limits.																																																					
<b>Category:</b> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <span><input checked="" type="checkbox"/> Improve</span> <span><input type="checkbox"/> Control</span> <span><input type="checkbox"/> Study (short term)</span> </div>																																																							
<b>Strategy:</b> <p>The LBNL Transportation Demand Management (TDM) Plan is to reduce total vehicle trips to the Lab by controlling the number of available parking spaces and issuance of parking permits, and by motivating employees to use public transit, carpooling, and other alternative commuter transportation modes, reducing the number of single occupancy vehicles (SOV) entering the Lab. The TDM Plan is included as appendix to the Final Long Range Development Plan (LRDP) EIR, developed in collaboration with the City of Berkeley.</p>																																																							
<b>Actions to Achieve Objective:</b> <table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: center; padding: 5px;"><i>Action</i></th> <th style="text-align: center; padding: 5px;"><i>Lead</i></th> <th style="text-align: center; padding: 5px;"><i>Due Date</i></th> <th style="text-align: center; padding: 5px;"><i>Completion Date</i></th> </tr> </thead> <tbody> <tr><td>1. Parking Management Study</td><td>L Chen</td><td>9/30/07</td><td>9/24/07</td></tr> <tr><td>2. Identify LBNL TDM Coordinator (TDM - Transportation Demand Management)</td><td>L Chen / B Horst</td><td>9/30/08</td><td>3/4/08</td></tr> <tr><td>3. Form LBNL Transportation Task Force</td><td>L Chen / B Horst</td><td>9/30/08</td><td>3/4/08</td></tr> <tr><td>4. Conduct commuter surveys</td><td>L Chen / B Horst</td><td>9/30/08</td><td></td></tr> <tr><td>5. Update Parking Management Study to include 5-Yr analysis of parking impacts due to construction</td><td>L Chen / B Horst</td><td>9/30/08</td><td></td></tr> <tr><td>6. Initiate commuter outreach.</td><td>L Chen / B Horst</td><td>9/30/08</td><td></td></tr> <tr><td>7. Develop &amp; Manage Contractor Delivery Routes / Construction Traffic Management Plan</td><td>L Chen / B Horst</td><td>9/30/08</td><td></td></tr> <tr><td>8. Expand Bicycle Infrastructure</td><td>L Chen / B Horst</td><td>9/30/08</td><td></td></tr> <tr><td>9. Mitigation Intersection Study: Hearst Avenue/Gayley Road/LaLoma Ave.</td><td>L Chen / B Horst</td><td>9/30/08</td><td></td></tr> <tr><td>10. Investigate parking fee at Leased Buildings</td><td>L Chen / B Horst</td><td>9/30/09</td><td></td></tr> <tr><td>11. Conduct commuter surveys</td><td>L Chen / B Horst</td><td>9/30/09</td><td></td></tr> <tr><td>12. Manage Contractor Delivery Routes / Construction Traffic Management Plan</td><td>L Chen / B Horst</td><td>9/30/09</td><td></td></tr> </tbody> </table>				<i>Action</i>	<i>Lead</i>	<i>Due Date</i>	<i>Completion Date</i>	1. Parking Management Study	L Chen	9/30/07	9/24/07	2. Identify LBNL TDM Coordinator (TDM - Transportation Demand Management)	L Chen / B Horst	9/30/08	3/4/08	3. Form LBNL Transportation Task Force	L Chen / B Horst	9/30/08	3/4/08	4. Conduct commuter surveys	L Chen / B Horst	9/30/08		5. Update Parking Management Study to include 5-Yr analysis of parking impacts due to construction	L Chen / B Horst	9/30/08		6. Initiate commuter outreach.	L Chen / B Horst	9/30/08		7. Develop & Manage Contractor Delivery Routes / Construction Traffic Management Plan	L Chen / B Horst	9/30/08		8. Expand Bicycle Infrastructure	L Chen / B Horst	9/30/08		9. Mitigation Intersection Study: Hearst Avenue/Gayley Road/LaLoma Ave.	L Chen / B Horst	9/30/08		10. Investigate parking fee at Leased Buildings	L Chen / B Horst	9/30/09		11. Conduct commuter surveys	L Chen / B Horst	9/30/09		12. Manage Contractor Delivery Routes / Construction Traffic Management Plan	L Chen / B Horst	9/30/09	
<i>Action</i>	<i>Lead</i>	<i>Due Date</i>	<i>Completion Date</i>																																																				
1. Parking Management Study	L Chen	9/30/07	9/24/07																																																				
2. Identify LBNL TDM Coordinator (TDM - Transportation Demand Management)	L Chen / B Horst	9/30/08	3/4/08																																																				
3. Form LBNL Transportation Task Force	L Chen / B Horst	9/30/08	3/4/08																																																				
4. Conduct commuter surveys	L Chen / B Horst	9/30/08																																																					
5. Update Parking Management Study to include 5-Yr analysis of parking impacts due to construction	L Chen / B Horst	9/30/08																																																					
6. Initiate commuter outreach.	L Chen / B Horst	9/30/08																																																					
7. Develop & Manage Contractor Delivery Routes / Construction Traffic Management Plan	L Chen / B Horst	9/30/08																																																					
8. Expand Bicycle Infrastructure	L Chen / B Horst	9/30/08																																																					
9. Mitigation Intersection Study: Hearst Avenue/Gayley Road/LaLoma Ave.	L Chen / B Horst	9/30/08																																																					
10. Investigate parking fee at Leased Buildings	L Chen / B Horst	9/30/09																																																					
11. Conduct commuter surveys	L Chen / B Horst	9/30/09																																																					
12. Manage Contractor Delivery Routes / Construction Traffic Management Plan	L Chen / B Horst	9/30/09																																																					
<b>Reference 1:</b> March 28, 2008 Letter to File from L. Chen, version 3, Status of TDM Plan Implementation																																																							
<b>Metrics (Environmental Performance Indicators):</b> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 48%;">           1. # of parking spaces, # of parking permits            2. # of commuters using SOV, # of commuters using alternative transportation         </div> <div style="width: 48%;">           3. ADP 2006, ADP 2007, ADP 2008, ADP 2009            4. # Construction Truck Trips per day; average &amp; peak         </div> </div>																																																							
<b>EMP Closure Summary:</b>																																																							

# LBNL ENVIRONMENTAL MANAGEMENT PROGRAM (EMP)

## NOTES / INSTRUCTIONS

EMP Coordinator(s)	Name the person(s) responsible for the accomplishment of the EMP; i.e. overseeing the workplan, monitoring and reporting on progress, requesting changes to the workplan as appropriate.
Organization(s)	Name the organization(s) primarily impacted or affected by this EMP. If only one department of an organization is affected, note that department.
Revision Date	Date that identifies when EMPs are modified or updated.
EMP Number	Number will be assigned by the EMS Manager.
Aspect	The significant aspect (e.g. energy use, chemical usage, etc.).
Objective	Focusing on the impacts related to this significant aspect, state the goal. What is it you want to achieve? Use action words – reduce, improve, control, etc.
Target	State “how much and by when.” The target is the performance element and should be quantitative and measurable.
Category	The categories identify and help to focus the EMP. The definitions of these categories are: <ul style="list-style-type: none"> <li>• Improve – improve the performance in this area</li> <li>• Control – current environmental controls are sufficient, but EMP objective is to maintain and strengthen the level of control</li> <li>• Study – the issue or area has been designated as significant, but historic or baseline data must be studied and compiled to determine the direction of future action</li> </ul>
Strategy	In this section, describe the overall approach to the problem. Some of the questions to be addressed include: <ul style="list-style-type: none"> <li>• How much has or has not been already been accomplished in this area?</li> <li>• Why is this important? Are there relevant drivers (regulations, directives, public pressure, etc.)?</li> <li>• What are the impacts to be addressed in this EMP?</li> </ul>
Actions	List the specific actions to be taken to achieve the objective and target. List the action and identify the responsible parties and dates by which the actions should be accomplished.
Metrics	Metrics are the Environmental Performance Indicators, how you measure the accomplishments. List the specific, quantifiable measurements or metrics (percent of employees trained, kilowatt hours saved, tons of waste diverted, gallons of material, etc.).
EMP Closure Summary	After the EMP and all actions within the EMP are complete, a concise description of the EMP's ability to achieve its objective and target should be provided.